

**LYRIC Rabbit mAb**  
**Catalog # AP76575****Specification**

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**LYRIC Rabbit mAb - Product Information**

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	<a href="#">Q86UE4</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	63837

**LYRIC Rabbit mAb - Additional Information****Gene ID** 92140**Other Names**  
MTDH**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
IHC-F~~N/A  
IP~~N/A  
ICC~~N/A**Format**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**LYRIC Rabbit mAb - Protein Information****Name** MTDH**Synonyms** AEG1, LYRIC**Function**  
Down-regulates SLC1A2/EAAT2 promoter activity when expressed ectopically. Activates the nuclear factor kappa-B (NF-kappa-B) transcription factor. Promotes anchorage-independent growth of immortalized melanocytes and astrocytes which is a key component in tumor cell expansion. Promotes lung metastasis and also has an effect on bone and brain metastasis, possibly by enhancing the seeding of tumor cells to the target organ endothelium. Induces chemoresistance.**Cellular Location**  
Endoplasmic reticulum membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein. Cell junction, tight junction Nucleus, nucleolus. Cytoplasm,

perinuclear region Note=In epithelial cells, recruited to tight junctions (TJ) during the maturation of the TJ complexes. A nucleolar staining may be due to nuclear targeting of an isoform lacking the transmembrane domain (By similarity). TNF-alpha causes translocation from the cytoplasm to the nucleus.

#### **Tissue Location**

Widely expressed with highest levels in muscle- dominating organs such as skeletal muscle, heart, tongue and small intestine and in endocrine glands such as thyroid and adrenal gland  
Overexpressed in various cancers including breast, brain, prostate, melanoma and glioblastoma multiforme.

#### **LYRIC Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **LYRIC Rabbit mAb - Images**



